

AMENDMENTS TO THE CLAIMS

The following listing of claims will replace all prior versions and listings of claims in the application.

LISTING OF CLAIMS

1. (Currently Amended) An inflatable airbag defining an inflatable chamber for fluid connection to an inflator, the airbag comprising:

an elastic inner membrane provided in a peripheral wall of the airbag;

a vent-hole formed through the elastic inner membrane; and

an outer membrane provided on the outside of the airbag so as to extend across at least part of the inner membrane and the vent-hole, the outer membrane defining a pucker over the part of the inner membrane, the pucker being open so as to define an outlet flow path from the vent-hole when the part of the inner membrane is spaced from the pucker; the inner membrane being configured to stretch and seal against the pucker, around the vent-hole, when internal pressure within the inflatable chamber exceeds a predetermined value,

wherein the pucker takes the form of a loose fold across the outer membrane and is open at both of its ends.

2. (Previously Presented) The airbag according to claim 1, wherein the inner membrane is made of silicone.

3. (Previously Presented) The airbag according to claim 1, wherein the inner membrane has more than one vent-hole.
4. (Previously Presented) The airbag according to claim 1, wherein the airbag is made of fabric and the inner membrane is secured across an aperture formed in the fabric.
5. (Previously Presented) The airbag according to claim 4, wherein the inner membrane is stitched to the fabric of the airbag.
6. (Previously Presented) The airbag according to claim 4, wherein the inner membrane is glued to the fabric of the airbag.
7. (Previously Presented) The airbag according to claim 1, wherein the outer membrane comprises a strip of fabric stitched to the airbag over the vent-hole for creating an outlet flow path from the vent-hole to open-to-atmosphere ends of the pucker.
8. (Cancelled)
9. (Cancelled)
10. (Previously Presented) A flow regulation valve in combination with an airbag having a deflatable inner chamber, the valve comprising:

an elastic inner membrane fastened to an interior of the airbag;
a vent-hole formed through the inner membrane;
an outer membrane fastened to an exterior of the airbag so as to extend across at least part of the vent-hole; and
a pucker in the form of a loose fold across the outer membrane and over the vent-hole for creating an outlet flow path from the vent-hole to open-to-atmosphere ends of the pucker when the inner membrane is spaced from the pucker, and for closing the outlet flow path when an internal pressure within the deflatable inner chamber exceeds a predetermined value.

11. (Previously Presented) The valve according to claim 10, wherein the inner membrane is made of silicone.
12. (Previously Presented) The valve according to claim 10, wherein the inner membrane has more than one vent-hole.
13. (Previously Presented) The valve according to claim 10, wherein the airbag is made of fabric and the inner membrane is secured across an aperture formed in the fabric.
14. (Previously Presented) The valve according to claim 13, wherein the inner membrane is stitched to the fabric of the airbag.

15. (Previously Presented) The valve according to claim 13, wherein the inner membrane is glued to the fabric of the airbag.

16. (Previously Presented) The valve according to claim 10, wherein the outer membrane comprises a strip of fabric stitched to the airbag.

17. (Currently Amended) A flow regulation valve in combination with an airbag having a deflatable inner chamber, the valve comprising:

an airbag material defining the deflatable inner chamber of the airbag;

an inner membrane secured to an inner surface of the airbag material;

a vent-hole through a central part of the inner membrane for allowing air to be expelled from the deflatable inner chamber of the airbag; and

an outer membrane secured to an outer surface of the airbag material creating a raised pucker over the vent-hole, wherein the inner membrane seals against the outer membrane preventing air from expelling through the vent-hole when an inner air pressure exceeds a predetermined threshold.

18. (Previously Presented) The valve according to claim 17, wherein the raised pucker creates an outlet flow path from the vent-hole to at least one open-to-atmosphere end of the outer membrane when the inner membrane is spaced from the raised pucker.

19. (Previously Presented) The valve according to claim 17, wherein the inner membrane includes more than one vent-hole.

20. (Previously Presented) The valve according to claim 17, wherein the inner membrane is one of stitched and glued to the airbag material.

21. (Previously Presented) The valve according to claim 17, wherein the inner membrane material is one of elastic, fabric, and silicone.

22. (New) An inflatable airbag defining an inflatable chamber for fluid connection to an inflator, the airbag comprising:

an elastic inner membrane provided in a peripheral wall of the airbag;

a vent-hole formed through the elastic inner membrane; and

an outer membrane provided on the outside of the airbag so as to extend across at least part of the inner membrane and the vent-hole, the outer membrane defining a pucker over the part of the inner membrane, the pucker being open so as to define an outlet flow path from the vent-hole when the part of the inner membrane is spaced from the pucker; the inner membrane being configured to stretch and seal against the pucker, around the vent-hole, when internal pressure within the inflatable chamber exceeds a predetermined value,

wherein the outer membrane comprises a strip of fabric stitched to the airbag over the vent-hole for creating an outlet flow path from the vent-hole to open-to-atmosphere ends of the pucker.